



STATE OF INDIANA
DEPARTMENT OF ADMINISTRATION
PROCUREMENT DIVISION
402 W. WASHINGTON ST. W468
INDIANAPOLIS, IN 46204
317/232-3150

NOTICE OF ADDENDUM # 1 TO SOLICITATION

REQUISITION NUMBER: ASA-11-005 – Fabric

OPENING DATE: September 16, 2010 3:00 EST

Please find attached the updated specifications for the 5.5 oz fabric.

Should you desire to submit a bid, please do so on the basis of information detailed above.

This acknowledgement should be signed and returned with your solicitation.

Procurement Division:

Approved: *Julesa Dexton-Reese*

-----ACKNOWLEDGEMENT-----

Receipt of Notice of Addendum, for Solicitation # _____

Vendor Name: _____

Signed: _____

Title: _____

Date: _____

ENGINEERING SPECIFICATION
STATE OF INDIANA
DEPARTMENT OF CORRECTION
PEN PRODUCTS

I. OBJECTIVE:

Construction requirements for 65% Polyester / 35% Cotton per AATCC 20A Method #4 and ASTM D-1909 moisture regains applied.

II. REQUIREMENTS:

<u>CHARACTERISTICS</u>	<u>PHYSICAL SPECIFICATIONS</u>	<u>TEST METHOD/ STANDARD</u>
A. Fiber Content ($\pm 5\%$)	65% Polyester/35% Cotton First Quality Only	
B. Color	Dye to Fabric Swatch Provided by PEN Products. See Method of Specification on Last Page	
C. Construction	2 X 1	
D. Weight (oz. /sq. yd.)	5.5 ounces +/- 0.50 oz	ASTM D3776
E. Fabric Width	60"-61" Width. 60" cuttable minimum	
F. Yarns per Inch Warp Filling	± 5 124 ends 50 picks	ASTM D3775
<u>PERFORMANCE CHARACTERISTICS</u>		
G. Breaking Strength Warp Fill	135 lbs $\pm 10\%$ 70 lbs $\pm 10\%$	ASTM D5034
H. Tear Strength Warp Fill	5.5 lbs $\pm 10\%$ 4.5 lbs $\pm 10\%$	ASTM D1424
I. Shrinkage	3%	AATCC 135 3 washings

ORIGIN DATE	DESCRIPTION	DOCUMENT NO.
August 13, 2009	FABRIC, TWILL WOVEN, 35% COTTON 65% POLYESTER, 5.5 OZ, 60 WIDTH	17645-000
GENERATED BY		RELEASE DATE
T. Bundza		August 13, 2009
ERN NO		REVISION NO.
100003		A

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J. Pilling-60 min. 3.5 ASTM D3512

K. Colorfastness Requirements

Lightfastness
20 hr. 4.0 AATCC 16A

Perspiration
Shade Change 4.0 AATCC 15
Staining 3.0

Washfastness
Shade Change 4.0 AATCC 61-IIA
Staining 3.0

Crocking
Dry 4.0 AATCC 8
Wet 3.0

L. Shading

Shade to be consistent within each lot. For each shipment there will be no more variance between lots than a gray scale rating of 4. Shade evaluation to be made using the AATCC gray shade chart.

M. Workmanship

the material shall be free from avoidable imperfections in manufacture and from defects or blemishes affecting the appearance or serviceability, otherwise it will be grounds for returning the merchandise at the vendor's expense.

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III. PROCUREMENT:**A. Packaging/Shipping**

Each roll will be ticketed or labeled to indicate weight and yardage per roll, the dye lot number, manufacture, supplier and part number along with a specific reference number.

Samples will be submitted with the bid (1 continuous yard x full width) requirement of fabric being offered. PEN Products intends to test the sample to be in accordance with written specifications.

All goods will be put up on rolls in continuous length each not less than 100 yards and not more than 150 yards. The final piece to complete the order need not be less than 20 yards long. Each roll must have a cardboard tube in center. All rolls are to be individually wrapped in sealed poly bags .006 mil thickness (minimum).

B. Method of Specifying	Stock Code	Color	Pantone Textile #
	17645-001	Khaki	408C
	17645-002	Red	194C
	17645-003	Yellow	123C
	17645-004	Kelly Green	342C
	17645-005	Orange	021C

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